

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1488	B24C001/10.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:12
L5	4579	C22F001/18.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:12
L6	6271	C22C014/00.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:12
L7	57503	Yamaha.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:13
L8	187	Suzuki-Takaharu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:13
L9	93	Adachi-Shuhei.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:13
L10	2050	Yamaha Hatsudoki Kabushiki Kaisha.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:13

L11	2306	L8 or L9 or L10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:13
L12	21	L11 and titanium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:13
L13	310	L7 and titanium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:13
L14	3	L13 and (shot or laser) near3 peen\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:13
L15	6	L13 and compressive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:13
L16	7	L14 or L15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:13
L17	650	148/421.cds.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 15:13
L18	33	L17 and (shot or laser or ultrasound or ultrasonic) near10 (peen\$4 or blast\$4 or treat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 15:13
L19	29	148/670,671.cds. and titanium and (shot or laser or ultrasound or ultrasonic) near10 (peen\$4 or blast\$4 or treat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 15:13

L20	47	72/40,53.cds. and titanium and (shot or laser or ultrasound or ultrasonic) near10 (peen\$4 or blast\$4 or treat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 15:13
L21	75	L19 or L20	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 15:13
L22	160	("148".clas. or "72". clas.) and (shot or laser or needle or ultrasound or ultrasonic) near10 (peen\$4) and (titanium or ti) and (compressive or residual) near10 stress	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 15:13
L23	129	L22 not L21 not L18 not L16 not L12	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 15:13
L24	101	("148".clas. or "72". clas.) and (shot or laser or needle or ultrasound or ultrasonic) near10 (peen\$4) and (titanium) and (compressive or residual) near10 stress	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 15:13
L26	249	L12 or L14 or L15 or L16 or L18 or L19 or L20 or L22 or L23 or L24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB	ADJ	ON	2008/01/03 15:15
L27	10935	14 or 15 or 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB	ADJ	ON	2008/01/03 15:15
L28	733	127 and (shot or laser or ultrasound or ultrasonic or needle) near5 peen\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB	ADJ	ON	2008/01/03 15:16
L29	222	127 and (shot or laser or ultrasound or ultrasonic or needle) near5 peen\$4 and (compressive or residual) near5 stress	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB	ADJ	ON	2008/01/03 15:16

L30	14	I27 and (shot or laser or ultrasound or ultrasonic or needle) near5 peen\$4 and (compressive or residual) near5 stress and titanium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:16
L31	14	I27 and (shot or laser or ultrasound or ultrasonic or needle) near10 peen\$4 and (compressive or residual) near10 stress and titanium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:17
L32	7	I27 and (shot or laser or ultrasound or ultrasonic or needle) near10 peen\$4 and (compressive or residual) near10 stress and (ti and titanium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:17
L33	19	I27 and (shot or laser or ultrasound or ultrasonic or needle) near10 peen\$4 and (compressive or residual) near10 stress and (ti or titanium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:17
L34	60	I27 and (shot or laser or ultrasound or ultrasonic or needle) near10 peen\$4 and (ti or titanium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:22
L35	45	I27 and (shot or laser or ultrasound or ultrasonic or needle) near10 peen\$4 and (ti or titanium) not I26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:23
L36	35	I27 and (shot or laser or ultrasound or ultrasonic or needle) near10 peen\$4 and (ti or titanium) not I26 not I33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:23
L37	2047	M29-D or M29-F02	DERWENT	ADJ	ON	2008/01/03 15:26

L38	1999	M29-D or M29-F02 and (shot or laser or ultrasound or ultrasonic or needle) near3 peen\$4	DERWENT	ADJ	ON	2008/01/03 15:27
L39	28	(M29-D or M29-F02) and (shot or laser or ultrasound or ultrasonic or needle) near3 peen\$4	DERWENT	ADJ	ON	2008/01/03 15:27
L40	62	I36 or I39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:28
L41	72	I35 or I39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:29
L42	71	I35 or I39 not I26 not I33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 15:29
L44	19	("1947927"   "2055220"   "2351726"   "3073022"   "3188776"   "3357458"   "3410124").PN. OR ("4287740").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 16:00
L45	4	"3817796".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 16:03
L46	2	"6067701".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 16:04

L47	2	"5704239".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 16:04
S1	2	"20060219337"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 09:52
S2	1	"20060219337"	US-PGPUB	ADJ	ON	2008/01/03 10:03
S3	10496	Suzuki-T.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 10:52
S4	39663	Adachi-S.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 10:52
S5	57503	Yamaha.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 10:53
S6	187	Suzuki-Takaharu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 10:54
S7	93	Adachi-Shuhei.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 10:54
S8	2050	Yamaha Hatsudoki Kabushiki Kaisha.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 10:54

S9	2306	S6 or S7 or S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 10:56
S10	21	S9 and titanium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 10:56
S11	57503	Yamaha.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 11:00
S12	310	S5 and titanium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 11:00
S13	3	S12 and (shot or laser) near3 peen\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 11:01
S14	6	S12 and compressive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 11:01
S15	7	S13 or S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/03 11:01
S16	650	148/421.cds.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 11:56
S17	33	S16 and (shot or laser or ultrasound or ultrasonic) near10 (peen\$4 or blast\$4 or treat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 11:57
S18	1	"6267558".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 12:08

S19	1	"4287740".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 12:08
S20	359	148/670,671.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 13:40
S21	330	148/670,671.ccls. and titanium	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 13:40
S22	29	148/670,671.ccls. and titanium and (shot or laser or ultrasound or ultrasonic) near10 (peen\$4 or blast\$4 or treat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 13:41
S23	47	72/40,53.ccls. and titanium and (shot or laser or ultrasound or ultrasonic) near10 (peen\$4 or blast\$4 or treat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 13:41
S24	75	S22 or S23	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 13:41
S25	152018	"148".clas. or "72". clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 14:18
S26	56683	"148".clas. or "72". clas. and (shot or laser or needle or ultrasound or ultrasonic) near5 (peen \$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 14:19
S27	798	("148".clas. or "72". clas.) and (shot or laser or needle or ultrasound or ultrasonic) near5 (peen \$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 14:20
S28	299	("148".clas. or "72". clas.) and (shot or laser or needle or ultrasound or ultrasonic) near5 (peen \$4) and (titanium or ti)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 14:20
S29	160	("148".clas. or "72". clas.) and (shot or laser or needle or ultrasound or ultrasonic) near10 (peen\$4) and (titanium or ti) and (compressive or residual) near10 stress	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 14:21
S30	129	S29 not S24 not S17 not S15 not S10	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 14:22



S31	101	("148".clas. or "72". clas.) and (shot or laser or needle or ultrasound or ultrasonic) near10 (peen\$4) and (titanium) and (compressive or residual) near10 stress	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/03 14:25
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